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Date

06.04.06

Reference F 3270 EP	Application No./Patent No. 01130227.0 - 2414
Applicant/Proprietor NEC CORPORATION	

### COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report (under R. 44 or R. 45 EPC) for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

- ☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division :

- ☒ Abstract ☒ Title
- ☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract : 2

### Refund of search fee

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	DE 197 51 170 A1 (ROBERT BOSCH GMBH, 70469 STUTTGART, DE) 2 June 1999 (1999-06-02)	1,2,5-8, 11-14, 17-20, 23-26, 29-32, 35,36	H04M1/27
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X	US 6 157 844 A (DORAN ET AL) 5 December 2000 (2000-12-05) * abstract * * column 1, lines 32-47 * * column 2, lines 1-4,39-55 * * column 3, lines 13-19,36,37 * * column 3, line 51 - column 4, line 11 * * figures 1,2 *	1,7,13, 19,25,31	
A		2-6, 8-12, 14-18, 20-24, 26-30, 32-36	TECHNICAL FIELDS SEARCHED (IPC) H04M
A	WO 98/56151 A (INFOGEAR TECHNOLOGY CORPORATION) 10 December 1998 (1998-12-10)  * abstract * * page 3, lines 10,11 * * figure 1 *	3,7,9, 15,19, 21,27, 31,33	
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 30 March 2006	Examiner Pohl, M
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 13 0227

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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30-03-2006

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